

LT44 / P631M

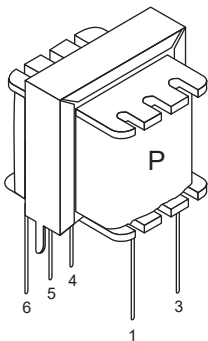
20k:1k ohm input driver transformer



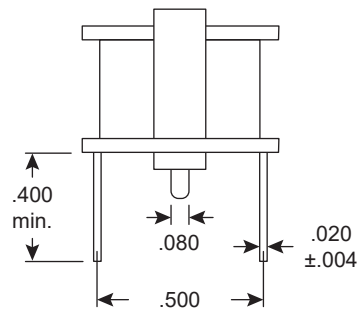
SPECIFICATIONS

Primary impedance	20k Ω
Secondary impedance	1k Ω , center-tapped (CT)
Primary DC resistance	1.1k Ω
Secondary DC resistance	110 Ω
Turns ratio	4.47:1

TOP/SIDE VIEW

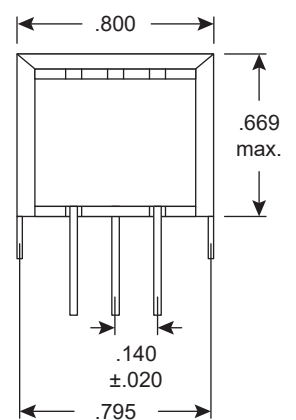


SIDE VIEW

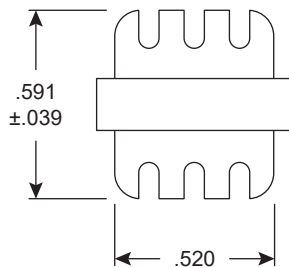


All dimensions shown in inches (in.)

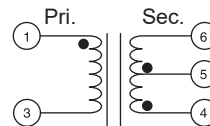
FRONT VIEW



TOP VIEW



SCHEMATIC



The Eagle International P631M, formerly called the LT44, is a 20k:1k CT miniature transformer that is commonly used for audio applications, particularly as an inter-stage push-pull driver, as well as for some types of ring modulators.

The primary and secondary impedance specifications listed are nominal. The DC resistances are taken from measurements and should not be considered a guaranteed specification on behalf of the manufacturer. The turns ratio is extrapolated from the primary and secondary impedances. Other usual specifications such as frequency response, voltage handling, and manufacturing tolerances are unknown.

Note that the 1k secondary specification is measured from the outside of the windings, not from the center tap. In other words, it's a single 1k secondary that can be center-tapped, not two 1k secondaries.